I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, EAlexandria, VA 22313-1450, on:

Dates January 11, 2006

By: Surm (1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

BONEH ET AL.

APPLICATION No.: 10/038,169

FILED: January 2, 2002

FOR: METHOD AND APPARATUS FOR TRANSPARENT

TRANSCRIPTION

EXAMINER: BAO TRAN N TO

ART UNIT: 2135

CONFIRMATION NO:

7811

Information Disclosure Statement After Final Action or Notice of Allowance but Before Payment of Issue Fee – 37 C.F.R. § 1.97(d)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

1. <u>Timing of Submission</u>

This information is being filed *after* a final Office action or a Notice of Allowance, whichever occurs first, but before payment of the Issue Fee.

2. Petition – 37 C.F.R. § 1.97(d)

Applicant petitions the Patent and Trademark Office to accept this Information Disclosure Statement in light of the certification under 37 C.F.R. § 1.97(e) below, and payment of the fee under 37 C.F.R. § 1.97(d)(2).

3. <u>Cited Information</u>

- - □ References Nos. 1-24
 - References marked by asterisks
- 4. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

5. <u>Certification Under 37 C.F.R. § 1.97(e)</u> (check one)

- In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to this filing of this statement; or
- In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.

6. Fee Payment – 37 C.F.R. § 1.97(d)(2)

- Check enclosed for \$180.00 Information Disclosure Statement Fee as set forth in 37 C.F.R. §1.17(p).
- Please charge any underpayment for timely filing of this paper to Deposit Account No. 50-2207.

Respectfully submitted,

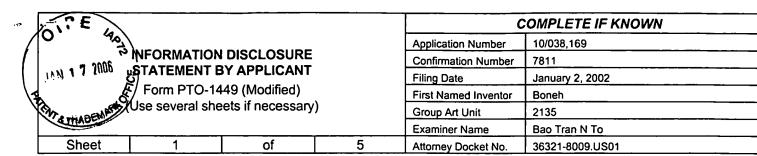
Perkins Coie LLP

Date: <u>January 11, 2006</u>

William F. Ahmann Registration No. 52,548

Correspondence Address:

Customer No. 22918 Perkins Coie LLP P.O. Box 2168 Menlo Park, California 94026 (650) 838-4300



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Applicatio Kind C NUMBER (if kno	ode	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,386,416		Giltner	05/31/83	·
		4,964,164		Fiat, Amos	10/1990	
		5,222,133		Chou et al.	10/17/91	
		5,557,712		Guay	02/16/94	
		5,734,744		Wittenstein	06/07/95	
		5,764,235		Hunt et al.	3/25/96	
		5,828,832		Holden et al.	10/27/98	
		5,848,159		Collins et al.	12/1998	
		6,012,198		Anigbogu	02/01/00	
		6,073,242		Hardy et al.	06/06/00	
		6,081,598		Dai, Wei	06/2000	
		6,081,900		Subramaniam et al.	06/2000	
		6,098,096		Bayeh et al.	08/01/00	
		6,202,157		Brownlie et al.	03/13/01	
		6,154,542		Crandall	11/28/00	
		6,216,212		Challenger et al.	04/2001	
		6,396,926		Takagi, et al.	05/2002	
		6,397,330		Elgamal et al.	05/28/02	
		6,477,646		Krishna, et al.	11/2002	
		6,578,061		Aoki, et al.	06/2003	
		6,587,866		Modi et al.	07/01/03	
		6,621.505		Beauchamp	09/16/03	
		6,757,823		Rao, et al.	06/2004	
		6,763,459		Corella, Francisco	07/2004	
		6,874,089		Dick et al.	03/2005	
		6,886,095		Hind et al.	4/2005	

EXAMINER		DATE CONSIDERED
*EXAMINER:	Initial if reference considered, whether or not criteria is in conform	nance with MPEP 609. Draw line through citation if not in conformance and not
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Application Number	10/038,169		
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First Named Inventor	Boneh		
Group Art Unit	2135		
Examiner Name	Bao Tran N To		
Attorney Docket No.	36321-8009.US01		

	I		Attorney bocket No.	7 30321-0003.030	
			U.S. PATENT DOCUMENTS		
Examiner Initials*	Cite No.	U.S. Patent or Application Kind Code NUMBER (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,963,980	Mattsson	11/16/00	
		6,990,660	Moshir et al.	1/24/06	
	*	10/526,252	Fountain et al.	02-24/05	
-	*	10/850,827	Koyfman	05/20/04	
	*	11/236,046	Metzger et al.	09/26/05	
	*	11/236,294	Metzger et al.	09/26/05	
	*	11/236,061	Metzger et al.	09/26/05	
		2002/0012473	Kondo et al.	9/30/1997	
		2002/0073232	Hong et al.	06/13/02	
		2002/0112167	Boheh et al.	10/02/02	
		2002/0016911	Chawla et al.	07/09/01	
		2002/0039420	Schacham et al.	06/08/01	
		2002/0066038	Mattsson	11/29/00	
		2002/0087884	Shacham et al.	06/08/01	
		2003/0014650	Freed et al.	01/16/03	
		2003/0065919	Albert et al.	4/2003	
		2003/0097428	Afkhami	05/22/03	
•		2003/0101355	Mattsson	12/28/01	
		2003/0123671	He et al.	07/03/03	
•		2003/0156719	Cronce	02/21/02	
		2003/0197733	Beauchamp	09/23/03	
		2003/0204513	Bumbulis	10/30/03	
		2004/0015725	Boneh et al.	07/24/02	
			OREIGN PATENT DOCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent or Application Kind Co Office NUMBER (if know		Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear T

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				FOF	REIGN PATENT DOCUMENTS			
Examiner Initials*	Cite No.	Fore	eign Patent or Ap	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ
	*	wo	01/03398		IBM Corp and IBM UK Limited	01/11/2001		
	*	wo	02/10160	5	Godfrey et al.	12/19/02		
					T-NON PATENT LITERATURE D			
Examiner Initials*	Cite No.	(t			(in CAPITAL LETTERS), title of the article symposium, catalog, etc.), date, page(s), and/or country where published.			Т
	1,	1999, <u>URL:</u> I	Retrieved	from the nortelnetw	e Next Step in Server Loadii Internet: orks.com/products/library/co ch 2, 2004; pages 4-11.			
	2.	Alteon Web Systems: "Networking with the Web in Mind" May 1999, Retrieved from the Internet: URL:http://www.nortelnetworks.com/products/library/collateral/intel_int/webworking. wp.pdf, Retrieved on March 2, 2004; page 1, pages 3-7.						
	Boneh, D., "Twenty Years of Attacks on the RSA Cyrptosystem," Notices of AMS, Vol 46, No. 2, pp. 203-213, 1999 Boneh, et al., "An Attack on RSA Given a Small Fraction of the Private Key I ASIACRYPT '98, LNCS 1514, pp. 25-34, 1998 Boneh, et al., "Cryptanalysis of RSA with Private Key d Less than N ^{0.292} ," (exabstract), 1999			lotices of the				
				vate Key Bits,"				
				V ^{0.292} ," (extended				
-	6.	Boneh, et al., "Efficient Generation of Shared RSA Keys," (extended abstract)						
Durfee, G., et al., "Cryptanalysis of the RSA Schemes with Short Secret from Asiacrypt '99," ASIACRYPT 2000, LNCS 1976, pp. 14-29, 2000								
	8.	Fiat, A. "Batch RSA, (digital signatures and public key krypto-systems)" Advances in Crytology – Cryto '89 Proceedings 20-24 August, 1989, Springer-Verlag						
	9.	Großschädl, J., et al., "The Chinese Remainder Theorem and its Application in a High-Speed RSA Crypto Chip," 2000						

5

EXAMINER		DATE CONSIDERED
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		OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	Т
	10.	Herda, S., "Non-repudiation: Constituting evidence and proof in digital cooperation," Computer Standards and Interfaces, Elsevier Sequoia, Lausanne, CH, 17:1 (69-79) 1995.	
	11.	Immerman, N., "Homework 4 with Extensive Hints," 2000	
	12.	Menezes, A., et al., "Handbook of Applied Cryptography," 1996 CRC Press, pp. §8.2-8.3 and §14.5	
	13.	Netscape; "Netscape Proxy Server Administrator's Guide, Version 3.5 for Unix"; February 25, 1998; Retrieved from the Internet.	
	14.	Oppliger, R.; "Authorization Methods for E-Commerce Applications"; 1999	
	15.	RSA Laboratories: "PKCS #7: Cryptographic Message Syntax Standard, Version 1.5," RSA Laboratories Technical Note, pp. 1-30, November 1, 1993.	
	16.	RSA "PKCS #1 v2.0 Amendment 1: Multi-Prime RSA," 2000	
	17.	"Security Protocols Overview (An RSA Data Security Brief)", RSA Data Security, 1999, http://www.comms.scitech.susx.ac.uk/fft/crypto/security_protocols.pdf , pages 1-4.	
	18.	Schacham, H., et al., "Improving SSL Handsake Performance via Batching," Topics in Cryptology, pp. 28-43, 2001.	
	19.	Shand, M., et al., "Fast Implementations of RSA Cryptography," 1993	
	20.	Sherif, M.H., et al., "SET and SSL: Electronic Payments on the Internet," IEEE, pp. 353-358 (1998)	
	21.	Stallings, W., "IP Security," Network Security Essentials, Applications and Standards, Chapters 6 and 7, pp. 162-223, 2000	
	22.	Takagi, T., "Fast RSA-Type Cryptosystem Modulo p^kq ," 1998	

EXAMINER		DATE CONSIDERED
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	23.	Takagi, T., "Fast RSA-Type Cryptosystems Using N-Adic Expansion," Advances in Technology – CRYPTO '97, LNCS 1294, pp. 372-384, 1997		
	24.	Wiener, M., "Cryptanalysis of Short RSA Secret Exponents," 1989		

5

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